



State of
California



Department of
Toxic Substances
Control

Public Involvement

FACT SHEET, January 2005

Zeneca/Former Stauffer Chemical Company Site, Richmond, CA

The Department of Toxic Substances Control (DTSC) wants to keep the community updated and informed about the activities on the Zeneca/Former Stauffer Chemical Company Site (Zeneca Site) in Richmond, CA. This fact sheet provides you with information about the activities DTSC is overseeing and the changes that have been made to respond to community concerns. We have also included a survey that we would like you to complete in order for us to learn more about your community and hear any additional concerns you may have about the Zeneca Site.

General Background

The Zeneca Site at 1391 South 49th Street, Richmond, CA is located south of Interstate 580, east of the University of California Berkeley Richmond Field Station and along the San Francisco Bay shoreline. (See site map on page 4.) Historically, this site was divided into three main areas: the manufacturing plant area, the Western Research Center and the unimproved open space area.

Cherokee Simeon Venture (CSV) purchased the 86 acre site from Zeneca Inc. in late 2002 to develop the property. The property is divided into four areas, now known as Lots 1, 2, 3, and East Stege Marsh (also referred to as the "marsh" or habitat enhancement area). Lot 1 was developed into commercial space and is now known as the Campus Bay Business Park. Lots 2 and 3 are currently undeveloped and are zoned for light and heavy industry uses. Collectively, Lots 1, 2 and 3 generally make up what is known as the Upland area. East Stege Marsh is located between Lot 3 and San Francisco Bay and is currently undergoing habitat restoration.

DTSC Contact Information

For questions or concerns about the Zeneca Site, please contact:

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You can leave a message at our toll free telephone number: 866-284-7210 or visit the Zeneca web site: <http://www.dtsc.ca.gov/siteCleanup/Zeneca/index.html>



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General Background (continued)

The San Francisco Regional Water Quality Control Board (Water Board) was the lead environmental agency overseeing the restoration and cleanup of the entire Zeneca Site. However, in November 2004, the regulatory oversight of the Upland Area (Lots 1, 2 and 3) was transferred to DTSC. This change was made based upon the experience and expertise of each of the regulatory agencies.

The Water Board continues to be responsible for managing the work associated with the habitat restoration and the management of sediments in the marsh and freshwater lagoons of East Stege Marsh. This includes:

- Excavation of contaminated materials and removal of invasive plants from the marsh and adjacent freshwater lagoons.
- Backfilling of the marsh and reconstruction of the lagoons.
- Revegetation of the marsh and lagoons with native plants.

The Water Board is responsible for determining the schedule for the activities listed above. The schedule is subject to change on a daily basis because of variables such as weather conditions and availability of backfill and other materials.

DTSC Responsibilities and Activities

DTSC is responsible for all activities within the Upland area as well as the management and air monitoring of the sediments excavated from the marsh and freshwater lagoons.

DTSC has changed a number of procedures since taking an active regulatory role at the site in November 2004. Because the activities occurring at the Zeneca Site have the potential to be disruptive to the community, DTSC is taking steps to minimize the impacts, inform the community of day-to-day activities and to ensure the health and safety of the community.

Review of Marsh Data

DTSC completed a review of the previous soil data collected from the marsh and lagoon areas that are currently being cleaned up under the Water Board's oversight. Arsenic and hydrogen sulfide have been identified as the main chemicals of concern. These chemicals were identified based upon the concentrations found in the proposed excavation areas, their chemical properties and how toxic they are to

human health. The greatest risk to a person working or living near the Zeneca Site is from the potential inhalation of arsenic on soil particles. However, marsh sediments are wet and no arsenic levels have been detected based upon DTSC's analysis of the air monitoring data collected at the Zeneca Site. Therefore, DTSC believes that to date, the marsh cleanup activities have not posed an unacceptable risk to the community surrounding the site.

DTSC Field Activities

DTSC staff is at the Zeneca Site daily (Monday through Friday) monitoring field activities. This includes conducting real-time air monitoring, the management of haul trucks and other activities in the Upland area.

- Real-time air monitoring readings are taken approximately every hour from different locations around the site. DTSC staff and CSV contractors independently conduct the work moving from location to location at the Zeneca Site.
- Dust levels are also recorded by CSV contractors on an hourly basis from five stationary monitoring stations located around the perimeter of the Zeneca Site.
- Monitoring for other chemicals is also being conducted at the stationary air monitoring locations.
- On several occasions, DTSC has temporarily stopped work activities before dust particulates reached unacceptable levels or if wind speeds were too great.

DTSC Monitors Daily Work Activities

DTSC monitors the work daily and has put procedures in place to minimize dust at the Zeneca Site. These include:

- Require that dust generating activities stop if wind speed exceeds 15 miles per hour or if dust/steam is visible for greater than 30 seconds.
- All trucks hauling marsh sediments from the Zeneca Site must be decontaminated before leaving the site.
- Improve the on-site haul roads to help prevent tracking of mud onto roadways.
- Restrict the operating speed of the trucks while on-site and when leaving the site.
- Use of a street sweeper to wet the on- and off-site roadways to keep the roadways clean. Restrict the operating speed of the street sweeper to not create additional dust.

Recently, CSV revised the lime-mixing process used to solidify the excavated marsh sediments that are stockpiled in the Upland area. No lime-mixing will occur in the marsh area.

This process uses a machine that spreads the lime over the marsh sediments and then the lime is mixed into the sediments with another machine.

This change was requested by DTSC in order to improve the lime-mixing process and ensure it meets air quality requirements.

Public Outreach

Our public participation program provides the community an opportunity to actively participate in our decision-making process. Our public participation staff identifies interested individuals and determines their potential concerns. We develop mailing lists of interested people, establish convenient public sites to house documents, mail printed information to the community, hold public meetings and briefings, and respond to community inquiries.

To help us gather the needs of the community and add individuals to our mailing lists, we ask that you fill out the enclosed survey and return it to us. Results of the survey will assist us in developing our public outreach plan for the Zeneca Site.

Another effective method of working with DTSC is the formation of a Community Advisory Group also known as a CAG. The CAG serves as an advisory group providing advice to DTSC regarding its cleanup of a site. Members of a CAG read and review key documents, assess community needs and act as liaisons to their respective communities. A CAG should reflect the composition of the affected community and reflect the diversity of community interests. The enclosed survey has a few questions about your interest in forming a CAG for the Zeneca Site.

For Ongoing and Additional Information

Every week DTSC prepares an update of the weekly activities at the Zeneca Site. This report is sent weekly to the community by electronic mail (email). The weekly updates and supporting information are also posted to the following web site for easy access by the community:

<http://www.dtsc.ca.gov/SiteCleanup/Zeneca/index.html>

If you are interested in being added to this email list, please contact Nancy Cook, DTSC Public Participation Specialist, at her email address: NCook@dtsc.ca.gov with the subject line: "Zeneca Email List"

If you have any questions or concerns, please contact one of the following individuals or you can leave a message on our toll free Zeneca Site phone number at 866-284-7210.

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Notice to the Hearing Impaired Individuals

TDD users can use the California Relay Service at 1-888-877-5378 and ask to speak with Ms. Nancy Cook at 510-540-3923.



Aerial View of Zeneca Site
Richmond, California